

GenCore version 5.1.6  
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM nucleic - protein search, using frame\_plus\_n2p model  
Run on: February 1, 2005, 13:28:19 ; Search time 121 Seconds  
(without alignments)  
3457.629 Million cell updates/sec

Title: US-10-659-782A-11  
Perfect score: 1030  
Sequence: 1 actctggatgggtctgttt.....tggcagcagaggaggtgggg 579

Scoring table: BLOSUM62  
Xgapop 10.0 , Xgapext 0.5  
Ygapop 10.0 , Ygapext 0.5  
Fgapop 6.0 , Fgapext 7.0  
Delop 6.0 , Delext 7.0

Searched: 1608061 seqs, 361289386 residues  
Total number of hits satisfying chosen parameters: 3216122

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000  
Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Command line parameters:  
-MODEL=frame+ n2p.model -DEV=xlp  
-Q=/cgn2\_1/USPTO\_spool\_p/US10659782/runat\_01022005\_130355\_14361/app\_query.fasta\_1.775  
-DB=Published Applications AA -OPMT=fastan -SUFFIX=xapb -MINMATCH=0  
-LOOPEXT=0 -LOOPEXT=0 -UNIT5=bits -START=1 -END=-1 -MATRIX=blosum62  
-TRANS=human40.cdi -LIST=45 -DOALIGN=200 -THR SCORE=pct -THR MAX=100  
-THR MIN=0 -ALIGN=15 -MODE=LOCAL -OUTFMT=pco -NORM=ext -HEAPSIZE=500 -MINLEN=0  
-MAXLEN=2000000000 -USER=US10659782 @CGN\_1\_1\_199 @runat\_01022005\_130355\_14361  
-NCPU=6 -ICPU=3 -NO WMAP -LARGEQUERY -NEG SCORES=0 -WAIT -DSPBLOCX=100  
-LONGLOG -DEV TIMEOUT=120 -WARN TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5  
-XGAPOP=6 -XGAPEXT=7 -XGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database : Published Applications AA:  
1: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pep.\*  
2: /cgn2\_6/ptodata/1/pubpaa/PCT\_NEW\_PUB.pep.\*  
3: /cgn2\_6/ptodata/1/pubpaa/US05\_NEW\_PUB.pep.\*  
4: /cgn2\_6/ptodata/1/pubpaa/US06\_PUBCOMB.pep.\*  
5: /cgn2\_6/ptodata/1/pubpaa/US07\_NEW\_PUB.pep.\*  
6: /cgn2\_6/ptodata/1/pubpaa/PCTUS\_PUBCOMB.pep.\*  
7: /cgn2\_6/ptodata/1/pubpaa/US08\_NEW\_PUB.pep.\*  
8: /cgn2\_6/ptodata/1/pubpaa/US08\_PUBCOMB.pep.\*  
9: /cgn2\_6/ptodata/1/pubpaa/US09A\_PUBCOMB.pep.\*  
10: /cgn2\_6/ptodata/1/pubpaa/US09B\_PUBCOMB.pep.\*  
11: /cgn2\_6/ptodata/1/pubpaa/US09C\_PUBCOMB.pep.\*  
12: /cgn2\_6/ptodata/1/pubpaa/US09\_NEW\_PUB.pep.\*  
13: /cgn2\_6/ptodata/1/pubpaa/US10A\_PUBCOMB.pep.\*  
14: /cgn2\_6/ptodata/1/pubpaa/US10B\_PUBCOMB.pep.\*  
15: /cgn2\_6/ptodata/1/pubpaa/US10C\_PUBCOMB.pep.\*  
16: /cgn2\_6/ptodata/1/pubpaa/US10D\_PUBCOMB.pep.\*  
17: /cgn2\_6/ptodata/1/pubpaa/US10\_NEW\_PUB.pep.\*  
18: /cgn2\_6/ptodata/1/pubpaa/US11\_NEW\_PUB.pep.\*  
19: /cgn2\_6/ptodata/1/pubpaa/US60\_NEW\_PUB.pep.\*  
20: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result # Query

No.	Score	Match	Length	DB	ID	Description
1	326	31.7	91	16	US-10-477-506-2	Sequence 2, Appli
2	326	31.7	117	9	US-09-794-987-2	Sequence 2, Appli
3	326	31.7	117	9	US-09-853-253-2	Sequence 268, App
4	326	31.7	117	9	US-09-989-723-268	Sequence 268, App
5	326	31.7	117	9	US-09-989-723-268	Sequence 268, App
6	326	31.7	117	9	US-09-989-727-268	Sequence 268, App
7	326	31.7	117	9	US-09-989-727-268	Sequence 268, App
8	326	31.7	117	9	US-09-989-731-268	Sequence 268, App
9	326	31.7	117	9	US-09-989-732-268	Sequence 268, App
10	326	31.7	117	9	US-09-991-073-268	Sequence 268, App
11	326	31.7	117	9	US-09-990-442-268	Sequence 268, App
12	326	31.7	117	9	US-09-991-163-268	Sequence 268, App
13	326	31.7	117	9	US-09-993-604-268	Sequence 268, App
14	326	31.7	117	9	US-09-990-456-268	Sequence 268, App
15	326	31.7	117	9	US-09-989-721-268	Sequence 268, App
16	326	31.7	117	9	US-09-992-598-268	Sequence 268, App
17	326	31.7	117	9	US-09-989-293A-268	Sequence 268, App
18	326	31.7	117	9	US-09-989-735-268	Sequence 268, App
19	326	31.7	117	9	US-09-990-444-268	Sequence 268, App
20	326	31.7	117	9	US-09-991-181-268	Sequence 268, App
21	326	31.7	117	9	US-09-989-730-268	Sequence 268, App
22	326	31.7	117	9	US-09-990-436-268	Sequence 268, App
23	326	31.7	117	9	US-09-993-687-268	Sequence 268, App
24	326	31.7	117	10	US-09-989-734-268	Sequence 268, App
25	326	31.7	117	10	US-09-997-853-268	Sequence 268, App
26	326	31.7	117	10	US-09-989-724-268	Sequence 268, App
27	326	31.7	117	10	US-09-989-728-268	Sequence 268, App
28	326	31.7	117	10	US-09-990-441-268	Sequence 268, App
29	326	31.7	117	10	US-09-993-667-268	Sequence 268, App
30	326	31.7	117	10	US-09-997-428-268	Sequence 268, App
31	326	31.7	117	10	US-09-997-866-268	Sequence 268, App
32	326	31.7	117	10	US-09-990-438-268	Sequence 268, App
33	326	31.7	117	10	US-09-990-562-268	Sequence 268, App
34	326	31.7	117	10	US-09-990-711-268	Sequence 268, App
35	326	31.7	117	10	US-09-989-726-268	Sequence 268, App
36	326	31.7	117	10	US-09-988-156-268	Sequence 268, App
37	326	31.7	117	10	US-09-990-437-268	Sequence 268, App
38	326	31.7	117	10	US-09-991-157-268	Sequence 268, App
39	326	31.7	117	10	US-09-997-514-268	Sequence 268, App
40	326	31.7	117	10	US-09-997-573-268	Sequence 268, App
41	326	31.7	117	10	US-09-991-172-268	Sequence 268, App
42	326	31.7	117	10	US-09-990-726-268	Sequence 268, App
43	326	31.7	117	10	US-09-997-559-268	Sequence 268, App
44	326	31.7	117	10	US-09-997-601-268	Sequence 268, App
45	326	31.7	117	10	US-09-990-443-268	Sequence 268, App

ALIGNMENTS

RESULT 1  
US-10-477-506-2  
; Sequence 2, Application US/10477506  
; Publication No. US20040157227A1  
; GENERAL INFORMATION:  
; APPLICANT: Chopin, Lisa K  
; APPLICANT: Jeffery, Penelope L  
; APPLICANT: Herington, Adrian C  
; TITLE OF INVENTION: REPRODUCTIVE CANCER DIAGNOSIS AND THERAPY  
; FILE REFERENCE: 225181  
; CURRENT APPLICATION NUMBER: US/10/477, 506  
; PRIORITY FILING DATE: 2003-11-10  
; PRIOR APPLICATION NUMBER: PR9567  
; PRIOR FILING DATE: 2001-12-17  
; PRIOR APPLICATION NUMBER: PR4919  
; PRIOR FILING DATE: 2001-05-10  
; PRIOR APPLICATION NUMBER: PCT/AU02/000582  
; PRIOR FILING DATE: 2002-05-10  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 91

```
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-477-506-2
Alignment Scores:
Pred. No.: 7,13e-20 Length: 91
Score: 326.00 Matches: 74
Percent Similarity: 53.19% Conservative: 1
Best Local Similarity: 52.48% Mismatches: 0
Query Match: 31.65% Indels: 66
DB: 16 Gaps: 1

US-10-659-782A-11 (1-579) x US-10-477-506-2 (1-91)
QY 112 ATGCCCTCCCGAGGACCTGTCAGCCTCTGCTCTCCGCGATGCTCTGGCTGACTTG 171
Db 1 MetProSerProGlyThrValCysSerLeuLeuLeuLeuGlyMetLeuTrpLeuAspLeu 20
QY 172 GCATGGCAGGCTCCAGCTTCTGAGCCTCGAACCACAGAGAGTCCAGGTGAGACCTCCC 231
Db 21 AlaMetAlaGlySerSerPheLeuSerProGluHisGlnArgValGln--Gln----- 37
QY 232 CACAAAGCCCCACATGTTGTTCCAGCCCTGCCACTTAGCAACACAGCTCTGTGACCTGGAG 291
Db 37 ----- 37
QY 292 CAGCAGCGCCACTCTCTGGGCTTCAGTCTTCTCCAGAGCACAAGAGGACTCTGGGTCTGAC 351
Db 37 ----- 37
QY 352 CTCACGTGTTCTGGNAGGACATGGGGCTTAGAGTCTTAACACAGACTGTTTCCCCCTTCC 411
Db 37 ----- 37
QY 412 AGCAGAGAAAGAGTTCGAAGAAGCCACAGCCAGCTGCGAGCCGCGAGCTTAGCAGGCT 471
Db 38 -----ArgLysGluSerLysLysProAlaLysLeuGlnProArgAlaLeuAlaGlyT 56
QY 472 GCCTCCGCGGAGATGAGGTCAAGCAGAGGGGCGAGAGGATGAACCTGGAAGTCCGG 530
Db 56 rpLeuArgProGluAspGlyGlyGlnAlaGluAlaGluAspGluLeuGluValArg 75

RESULT 2
US-09-794-987-2
; Sequence 2, Application US/09794987
; Patent No. US20010041791A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: MOTILIN HOMOLOGS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/794,987
; FILING DATE: 27-Feb-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/046,479
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Sawislak, Deborah A
; REGISTRATION NUMBER: 37,438

REFERENCE/DOCKET NUMBER: 97-04
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-442-6672
TELEFAX: 206-442-6678
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 117 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-794-987-2
Alignment Scores:
Pred. No.: 7,45e-20 Length: 117
Score: 326.00 Matches: 74
Percent Similarity: 53.19% Conservative: 1
Best Local Similarity: 52.48% Mismatches: 0
Query Match: 31.65% Indels: 66
DB: 1 Gaps: 1

US-10-659-782A-11 (1-579) x US-09-794-987-2 (1-117)
QY 112 ATGCCCTCCCGAGGACCTGTCAGCCTCTGCTCTCCGCGATGCTCTGGCTGACTTG 171
Db 1 MetProSerProGlyThrValCysSerLeuLeuLeuLeuGlyMetLeuTrpLeuAspLeu 20
QY 172 GCATGGCAGGCTCCAGCTTCTGAGCCTCGAACCACAGAGAGTCCAGGTGAGACCTCCC 231
Db 21 AlaMetAlaGlySerSerPheLeuSerProGluHisGlnArgValGln--Gln----- 37
QY 232 CACAAAGCCCCACATGTTGTTCCAGCCCTGCCACTTAGCAACACAGCTCTGTGACCTGGAG 291
Db 37 ----- 37
QY 292 CAGCAGCGCCACTCTCTGGGCTTCAGTCTTCTCCAGAGCACAAGAGGACTCTGGGTCTGAC 351
Db 37 ----- 37
QY 352 CTCACGTGTTCTGGNAGGACATGGGGCTTAGAGTCTTAACACAGACTGTTTCCCCCTTCC 411
Db 37 ----- 37
QY 412 AGCAGAGAAAGAGTTCGAAGAAGCCACAGCCAGCTGCGAGCCGCGAGCTTAGCAGGCT 471
Db 38 -----ArgLysGluSerLysLysProAlaLysLeuGlnProArgAlaLeuAlaGlyT 56
QY 472 GCCTCCGCGGAGATGAGGTCAAGCAGAGGGGCGAGAGGATGAACCTGGAAGTCCGG 530
Db 56 rpLeuArgProGluAspGlyGlyGlnAlaGluAlaGluAspGluLeuGluValArg 75

RESULT 3
US-09-853-253-2
; Sequence 2, Application US/09853253
; Patent No. US20020055156A1
; GENERAL INFORMATION:
; APPLICANT: JASPERS, STEPHEN
; APPLICANT: SHEPPARD, PAUL
; APPLICANT: DEISHER, THERESA
; APPLICANT: BISHOP, PAUL
; TITLE OF INVENTION: Zsig33-like Peptides
; FILE REFERENCE: 00-30
; CURRENT APPLICATION NUMBER: US/09/853,253
; PRIOR APPLICATION NUMBER: 2001-05-10
; PRIOR FILING DATE: 2000-05-11
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 117
```

```
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-853-253-2

Alignment Scores:
Pred. No.: 7,45e-20 Length: 117
Score: 326.00 Matches: 74
Percent Similarity: 53.1% Conservative: 1
Best Local Similarity: 52.4% Mismatches: 0
Query Match: 31.6% Indels: 66
DB: 9 Gaps: 1

US-10-659-782A-11 (1-579) x US-09-853-253-2 (1-117)
QY 112 ATGCGCTCCGAGGACGCTGCGAGCTCTGCTGCTCCGCGATGCTCTGGCTGCACTTG 171
Db 1 MetProSerProGlyThrValCysSerLeuLeuLeuLeuLeuLeuLeuTriLeuAspLeu 20
QY 172 GCATGGCAGGCTCCAGCTTCTGAGCCCTGAACACAGAGTCCAGGTGAGACCTCCC 231
Db 21 AlaMetAlaGlySerSerPheLeuSerProGluHisGlnArgValGln--Gln----- 37
QY 232 CACAAAGCCCACTATTGTTTCCAGCCCTGCCACTTAGCAACACGACTCTGTGACCTGGAG 291
Db 37 ----- 37
QY 292 CAGCAGCGCCATCTCTGGGCTTCAGTCTTCTCCAGAGACAAAGGACTCTGGGGTCTGAC 351
Db 37 ----- 37
QY 352 CTCACCTGTTCTGGAAGGACATGGGGCTTAGAGTCTTAACAGACTGTTTCCCTTCC 411
Db 37 ----- 37
QY 412 AGCAGAAAGAGTCCGAAGAGCCAGCCAGCTGAGCCCGAGCTCTAGCAGGCT 471
Db 38 -----ArgLysGluSerLysLysProProAlaLysLeuGlnProArgAlaLeuAlaGlyT 56
QY 472 GGCTCCGCGGAGATGAGTGTCAAGCAGAGGGGCGAGATGAATGGAAGTCCGG 530
Db 56 rpLeuArgProGluAspGlyGlyGlnAlaGluGlyAlaGluAspGluLeuGluValArg 75

RESULT 4
US-09-989-722-268
; Sequence 268, Application US/09989722
; Patent No. US20020072067A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
```

```
; FILE REFERENCE: P2730P1C63
; CURRENT APPLICATION NUMBER: US/09/989,722
; PRIOR FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/088021
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088025
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088028
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088029
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088030
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088033
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088326
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088167
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088212
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088655
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088738
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088742
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
```

;  
; PRIOR APPLICATION NUMBER: 60/088876  
; PRIOR FILING DATE: 1998-06-11  
; PRIOR APPLICATION NUMBER: 60/089105  
; PRIOR FILING DATE: 1998-06-12  
; PRIOR APPLICATION NUMBER: 60/089440  
; PRIOR FILING DATE: 1998-06-16  
; PRIOR APPLICATION NUMBER: 60/089512  
; PRIOR FILING DATE: 1998-06-16  
; PRIOR APPLICATION NUMBER: 60/089514  
; PRIOR FILING DATE: 1998-06-16  
; PRIOR APPLICATION NUMBER: 60/089532  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089538  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089598  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089599  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089600  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089653  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089801  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: 60/089907  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: 60/089908  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: 60/089947  
; PRIOR FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: 60/089948  
; PRIOR FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: 60/089952  
; PRIOR FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: 60/090246  
; PRIOR FILING DATE: 1998-06-22  
; PRIOR APPLICATION NUMBER: 60/090252  
; PRIOR FILING DATE: 1998-06-22  
; PRIOR APPLICATION NUMBER: 60/090254  
; PRIOR FILING DATE: 1998-06-22  
; PRIOR APPLICATION NUMBER: 60/090349  
; PRIOR FILING DATE: 1998-06-23  
; PRIOR APPLICATION NUMBER: 60/090355  
; PRIOR FILING DATE: 1998-06-23  
; PRIOR APPLICATION NUMBER: 60/090429  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090431  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090435  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090444  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090445  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090472  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090535  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090540  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090542  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090557  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090676  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090678  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090690  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090694  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090695

;  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090696  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090862  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: 60/090863  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: 60/091360  
; PRIOR FILING DATE: 1998-07-01  
; PRIOR APPLICATION NUMBER: 60/091478  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091544  
; PRIOR FILING DATE: 1998-07-01  
; PRIOR APPLICATION NUMBER: 60/091519  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091626  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091633  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091978  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/091982  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/092182  
; PRIOR FILING DATE: 1998-07-09

Alignment Scores:

Pred. No.: 7,45e-20 Length: 117  
Score: 326.00 Matches: 74  
Percent Similarity: 53.19% Conservative: 1  
Best Local Similarity: 52.48% Mismatches: 0  
Query Match: 31.65% Indels: 66  
DB: 9 Gaps: 1

US-10-659-782A-11 (1-579) x US-09-989-722-268 (1-117)

QY 112 ATGCCCTCCAGGACCGCTCTGCAGCCCTCTCGCATGCTCTGGCTGGACTTG 171  
|||  
Db 1 MetProSerProGlyThrValCysSerLeuLeuLeuLeuGlyMetLeuTrpLeuAspLeu 20  
QY 172 GCCATGGCAGGCTCCAGCTTCTGAGCCCTGAACCAACAGAGATCCAGGTGAGACCTCCC 231  
|||  
Db 21 AlaMetAlaGlySerPheLeuSerProGluHisGlnArgValGln--Gln----- 37  
QY 232 CACAAAGCCCCACATGTTGTTCCAGCCCTGCCACTTAGCAACCAAGCTCTGTGACCTGGAG 291  
|||  
Db 37 ----- 37  
QY 292 CAGCAGCCCATCTCTGGGCTTCACTTCTCCAGAGCACAAGGACTCTGGGTCTGAC 351  
|||  
Db 37 ----- 37  
QY 352 CTCACGTGTTCTGGAAGACATGGGGGCTTAGAGTCCTAAACAGACTGTTTCCCTTCC 411  
|||  
Db 37 ----- 37  
QY 412 AGCAGAGAAAGAGTCGAAGAAGCCACAGCCAGCAAGCTGCAGCCCGAGCTTAGCAGGCT 471  
|||  
Db 38 -----ArgLysGluSerLysProAlaLysLeuGlnProArgAlaLeuAlaGlyT 56  
QY 472 GGTCCCGCCCGAAGATGAGGTCAAGCAGAGGGGCGAGAGGATGAATGGAAGTCCGG 530  
|||  
Db 56 rpLeuArgProGluAspGlyGlyGlnAlaGluGlyAlaGluAspGluLeuGluValArg 75

RESULT 5

US-09-989-723-268  
; Sequence 268, Application US/09989723  
; Patent No. US20020072092A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc

```

; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC62
; CURRENT APPLICATION NUMBER: US/09/989,723
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: 60/088021
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088025
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088028
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088029
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088030
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088033
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088326
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088167
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088202
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088212
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088217
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/088655
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/088734
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088738
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088742
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088824
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089948
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090246
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090252
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090254
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090355
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090431
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090435
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090444

```



1	PRIOR FILING DATE: 1998-06-19	
2	PRIOR APPLICATION NUMBER: 60/089948	
3	PRIOR FILING DATE: 1998-06-19	
4	PRIOR APPLICATION NUMBER: 60/089952	
5	PRIOR FILING DATE: 1998-06-19	
6	PRIOR APPLICATION NUMBER: 60/090246	
7	PRIOR FILING DATE: 1998-06-22	
8	PRIOR APPLICATION NUMBER: 60/090252	
9	PRIOR FILING DATE: 1998-06-22	
10	PRIOR APPLICATION NUMBER: 60/090254	
11	PRIOR FILING DATE: 1998-06-22	
12	PRIOR APPLICATION NUMBER: 60/090349	
13	PRIOR FILING DATE: 1998-06-23	
14	PRIOR APPLICATION NUMBER: 60/090355	
15	PRIOR FILING DATE: 1998-06-23	
16	PRIOR APPLICATION NUMBER: 60/090429	
17	PRIOR FILING DATE: 1998-06-24	
18	PRIOR APPLICATION NUMBER: 60/090431	
19	PRIOR FILING DATE: 1998-06-24	
20	PRIOR APPLICATION NUMBER: 60/090435	
21	PRIOR FILING DATE: 1998-06-24	
22	PRIOR APPLICATION NUMBER: 60/090444	
23	PRIOR FILING DATE: 1998-06-24	
24	PRIOR APPLICATION NUMBER: 60/090445	
25	PRIOR FILING DATE: 1998-06-24	
26	PRIOR APPLICATION NUMBER: 60/090472	
27	PRIOR FILING DATE: 1998-06-24	
28	PRIOR APPLICATION NUMBER: 60/090535	
29	PRIOR FILING DATE: 1998-06-24	
30	PRIOR APPLICATION NUMBER: 60/090540	
31	PRIOR FILING DATE: 1998-06-24	
32	PRIOR APPLICATION NUMBER: 60/090542	
33	PRIOR FILING DATE: 1998-06-24	
34	PRIOR APPLICATION NUMBER: 60/090557	
35	PRIOR FILING DATE: 1998-06-24	
36	PRIOR APPLICATION NUMBER: 60/090676	
37	PRIOR FILING DATE: 1998-06-25	
38	PRIOR APPLICATION NUMBER: 60/090678	
39	PRIOR FILING DATE: 1998-06-25	
40	PRIOR APPLICATION NUMBER: 60/090690	
41	PRIOR FILING DATE: 1998-06-25	
42	PRIOR APPLICATION NUMBER: 60/090696	
43	PRIOR FILING DATE: 1998-06-25	
44	PRIOR APPLICATION NUMBER: 60/090699	
45	PRIOR FILING DATE: 1998-07-01	
46	PRIOR APPLICATION NUMBER: 60/091478	
47	PRIOR FILING DATE: 1998-07-02	
48	PRIOR APPLICATION NUMBER: 60/091544	
49	PRIOR FILING DATE: 1998-07-01	
50	PRIOR APPLICATION NUMBER: 60/091519	
51	PRIOR FILING DATE: 1998-07-02	
52	PRIOR APPLICATION NUMBER: 60/091626	
53	PRIOR FILING DATE: 1998-07-02	
54	PRIOR APPLICATION NUMBER: 60/091633	
55	PRIOR FILING DATE: 1998-07-02	
56	PRIOR APPLICATION NUMBER: 60/091978	
57	PRIOR FILING DATE: 1998-07-07	
58	PRIOR APPLICATION NUMBER: 60/091982	
59	PRIOR FILING DATE: 1998-07-07	
60	PRIOR APPLICATION NUMBER: 60/092182	
61	PRIOR FILING DATE: 1998-07-09	

Alignment scores:	
Pred. No.:	7.45e-20
Score:	326.00
Length:	
Matches:	

117  
74

Percent Similarity: 53.19% Conservative: 1  
 Best Local Similarity: 52.48% Mismatches: 0  
 Query Match: 31.65% Indels: 66  
 DB: 9 Gaps: 1

US-10-659-782a-11 (1-579) x US-09-989-279-268 (1-117)

QY 112 ATCCCTCCCGAGGACCGCTTCGAGCCTTCCTGCTCCCTGCGCATGCTCTGCTGCACTTG 171  
 Db 1 MetProSerProGlyThrValCysSerLeuLeuLeuLeuLeuGlyMetLeuTriPLeuAspLeu 20  
 QY 172 GCATGGCGAGTCCAGCTTCCTGAGCCCTGACACCCAGAGAGTCCAGGTGAGACCTCC 231  
 Db 21 AlaMetAlaGlySerSerPheLeuSerProGluHisGlnA-gValGln--Gln----- 37  
 QY 232 CACAAAGCCCAACATGTTGTTCCACCCCTGCCACTTAGCAACACGACTCTGTGACCTGGAG 291  
 Db 37 ----- 37  
 QY 292 CAGCAGCGCCATCTCTGGGCTTTCAGTCTTCTCCAGAGACAAAGGACTCTGGGTCTGAC 351  
 Db 37 ----- 37  
 QY 352 CTCACGTGTTCTGGAAGACATGGGGGCTTAGAGTCTTAACAGACTGTTTCCCCCTTCC 411  
 Db 37 ----- 37  
 QY 412 AGCAGAGAAAGAGTGAAGAAGCCACAGCCAGCTGCGCCCGAGCTTACGAGGCT 471  
 Db 38 -----ArgLysGluSerLysProProAlaLysLeuGlnProArgAlaLeuAlaGlyT 56  
 QY 472 GCTCGCCCGGAGATCGAGGTCAAGCAGAGGGGAGAGGATGAATCGAATCGCG 530  
 Db 56 rpLeuArgProGluAspGlyGlnAlaGluGlyAlaGluAspGluLeuValArg 75

## RESULT 7

US-09-989-727-268  
 ; Sequence 268, Application US/09989727  
 ; Patent No. US20020072497A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE OF INVENTION: Acids Encoding the Same  
 ; FILE REFERENCE: P2730P1C65  
 ; CURRENT APPLICATION NUMBER: US/09/989, 727  
 ; CURRENT FILING DATE: 2001-11-19  
 ; PRIOR APPLICATION NUMBER: 60/049787  
 ; PRIOR FILING DATE: 1997-06-16  
 ; PRIOR APPLICATION NUMBER: 60/062250  
 ; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/065186  
 ; PRIOR FILING DATE: 1997-11-12  
 ; PRIOR APPLICATION NUMBER: 60/065311  
 ; PRIOR FILING DATE: 1997-11-13  
 ; PRIOR APPLICATION NUMBER: 60/066770  
 ; PRIOR FILING DATE: 1997-11-24  
 ; PRIOR APPLICATION NUMBER: 60/075945  
 ; PRIOR FILING DATE: 1998-02-25  
 ; PRIOR APPLICATION NUMBER: 60/078910  
 ; PRIOR FILING DATE: 1998-03-20  
 ; PRIOR APPLICATION NUMBER: 60/083322  
 ; PRIOR FILING DATE: 1998-04-28  
 ; PRIOR APPLICATION NUMBER: 60/084600  
 ; PRIOR FILING DATE: 1998-05-07  
 ; PRIOR APPLICATION NUMBER: 60/087106  
 ; PRIOR FILING DATE: 1998-05-28  
 ; PRIOR APPLICATION NUMBER: 60/087607  
 ; PRIOR FILING DATE: 1998-06-02  
 ; PRIOR APPLICATION NUMBER: 60/087609  
 ; PRIOR FILING DATE: 1998-06-02  
 ; PRIOR APPLICATION NUMBER: 60/087759  
 ; PRIOR FILING DATE: 1998-06-02  
 ; PRIOR APPLICATION NUMBER: 60/087827  
 ; PRIOR FILING DATE: 1998-06-03  
 ; PRIOR APPLICATION NUMBER: 60/088021  
 ; PRIOR FILING DATE: 1998-06-04  
 ; PRIOR APPLICATION NUMBER: 60/088025  
 ; PRIOR FILING DATE: 1998-06-04  
 ; PRIOR APPLICATION NUMBER: 60/088026  
 ; PRIOR FILING DATE: 1998-06-04  
 ; PRIOR APPLICATION NUMBER: 60/088028  
 ; PRIOR FILING DATE: 1998-06-04  
 ; PRIOR APPLICATION NUMBER: 60/088029  
 ; PRIOR FILING DATE: 1998-06-04  
 ; PRIOR APPLICATION NUMBER: 60/088030  
 ; PRIOR FILING DATE: 1998-06-04  
 ; PRIOR APPLICATION NUMBER: 60/088033  
 ; PRIOR FILING DATE: 1998-06-04  
 ; PRIOR APPLICATION NUMBER: 60/088326  
 ; PRIOR FILING DATE: 1998-06-04  
 ; PRIOR APPLICATION NUMBER: 60/088167  
 ; PRIOR FILING DATE: 1998-06-05  
 ; PRIOR APPLICATION NUMBER: 60/088202  
 ; PRIOR FILING DATE: 1998-06-05  
 ; PRIOR APPLICATION NUMBER: 60/088212  
 ; PRIOR FILING DATE: 1998-06-05  
 ; PRIOR APPLICATION NUMBER: 60/088217  
 ; PRIOR FILING DATE: 1998-06-05  
 ; PRIOR APPLICATION NUMBER: 60/088655  
 ; PRIOR FILING DATE: 1998-06-09  
 ; PRIOR APPLICATION NUMBER: 60/088734  
 ; PRIOR FILING DATE: 1998-06-10  
 ; PRIOR APPLICATION NUMBER: 60/088738  
 ; PRIOR FILING DATE: 1998-06-10  
 ; PRIOR APPLICATION NUMBER: 60/088742  
 ; PRIOR FILING DATE: 1998-06-10  
 ; PRIOR APPLICATION NUMBER: 60/088810  
 ; PRIOR FILING DATE: 1998-06-10  
 ; PRIOR APPLICATION NUMBER: 60/088824  
 ; PRIOR FILING DATE: 1998-06-10  
 ; PRIOR APPLICATION NUMBER: 60/088826  
 ; PRIOR FILING DATE: 1998-06-10  
 ; PRIOR APPLICATION NUMBER: 60/088858  
 ; PRIOR FILING DATE: 1998-06-11  
 ; PRIOR APPLICATION NUMBER: 60/088861  
 ; PRIOR FILING DATE: 1998-06-11  
 ; PRIOR APPLICATION NUMBER: 60/088876  
 ; PRIOR FILING DATE: 1998-06-11  
 ; PRIOR APPLICATION NUMBER: 60/089105  
 ; PRIOR FILING DATE: 1998-06-12  
 ; PRIOR APPLICATION NUMBER: 60/089440  
 ; PRIOR FILING DATE: 1998-06-16  
 ; PRIOR APPLICATION NUMBER: 60/089512



; PRIOR FILING DATE: 1998-06-16  
; PRIOR APPLICATION NUMBER: 60/089514  
; PRIOR FILING DATE: 1998-06-16  
; PRIOR APPLICATION NUMBER: 60/089532  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089538  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089598  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089599  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089600  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089653  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089801  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: 60/089907  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: 60/089908  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: 60/089947  
; PRIOR FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: 60/089948  
; PRIOR FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: 60/089952  
; PRIOR FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: 60/090246  
; PRIOR FILING DATE: 1998-06-22  
; PRIOR APPLICATION NUMBER: 60/090252  
; PRIOR FILING DATE: 1998-06-22  
; PRIOR APPLICATION NUMBER: 60/090254  
; PRIOR FILING DATE: 1998-06-22  
; PRIOR APPLICATION NUMBER: 60/090349  
; PRIOR FILING DATE: 1998-06-23  
; PRIOR APPLICATION NUMBER: 60/090355  
; PRIOR FILING DATE: 1998-06-23  
; PRIOR APPLICATION NUMBER: 60/090429  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090431  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090435  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090444  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090445  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090472  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090535  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090540  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090542  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090557  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090576  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090678  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090690  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090694  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090695  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090696  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090862  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: 60/090863  
; PRIOR FILING DATE: 1998-06-26

; PRIOR APPLICATION NUMBER: 60/091360  
; PRIOR FILING DATE: 1998-07-01  
; PRIOR APPLICATION NUMBER: 60/091478  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091544  
; PRIOR FILING DATE: 1998-07-01  
; PRIOR APPLICATION NUMBER: 60/091519  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091626  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091633  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091978  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/091982  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/092182  
; PRIOR FILING DATE: 1998-07-09

Alignment Scores:  
Pred. No.: 7,45e-20 Length: 117  
Score: 326.00 Matches: 74  
Percent Similarity: 53.19% Conservative: 1  
Best Local Similarity: 52.48% Mismatches: 0  
Query Match: 31.65% Indels: 66  
Db: 9 Gaps: 1

US-10-659-782A-11 (1-579) x US-09-989-727-268 (1-117)

QY 112 ATGCCCTCCCGAGGACCGCTCTGCAGCTCTCTGCTCCCTCGGCTCTCTGGCTGGACTTG 171  
Db 1 MetProSerProGlyThrValCysSerLeuLeuLeuLeuGlyMetLeuTrpLeuAspLeu 20

QY 172 GCCATGGCAGGCTCCAGCTTCTGTAGCCCTGAAACACGAGAGTCCAGGTGAGACCTCCC 231  
Db 21 AlaMetAlaGlySerSerPheLeuSerProGluHisGlnArgValGln--Gln----- 37

QY 232 CACAAGCCCCACATGTTGTTCCAGCCCTGCCACTTAGCAACCACTCTGTGACCTGGAG 291  
Db 37 ----- 37

QY 292 CAGCAGCGCCATCTCTGGGCTTACGTCTTCTCCAGAGCACAAGGACTCTGGGTCTGAC 351  
Db 37 ----- 37

QY 352 CTCAGTGTCTTGAAGGACATGGGGCTTAGAGTCTTAAACAGACTGTTTCCCTTCC 411  
Db 37 ----- 37

QY 412 AGCAGAGAAAGGATCGAAGAGCCAGCCAGCCAGCCAGCCAGCCAGCTCTAGCAGGCT 471  
Db 38 -----ArgLysGluSerLysLysProAlaLysLeuGlnProArgAlaLeuAlaGlyT 56

QY 472 GGCTCCGCCCGGAGGATCGAGTCAAGCAGAGGGGCGAGAGTGAACCTGGAAGTCCGG 530  
Db 56 tpLeuArgProGluAspGlyGlyGlnAlaGluGlyAlaGluAspGluLeuValArg 75

RESULT 8  
US-09-989-731-268  
; Sequence 268, Application US/0989731  
; Patent No. US20020103125A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fort, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2730PIC70  
CURRENT APPLICATION NUMBER: US/09/989,731  
CURRENT FILING DATE: 2001-11-20  
PRIOR APPLICATION NUMBER: 60/049787  
PRIOR FILING DATE: 1997-06-16  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066770  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/075945  
PRIOR FILING DATE: 1998-02-25  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/087106  
PRIOR FILING DATE: 1998-05-28  
PRIOR APPLICATION NUMBER: 60/087607  
PRIOR FILING DATE: 1998-06-02  
PRIOR APPLICATION NUMBER: 60/087609  
PRIOR FILING DATE: 1998-06-02  
PRIOR APPLICATION NUMBER: 60/087759  
PRIOR FILING DATE: 1998-06-02  
PRIOR APPLICATION NUMBER: 60/087827  
PRIOR FILING DATE: 1998-06-03  
PRIOR APPLICATION NUMBER: 60/088021  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088025  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088026  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088028  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088029  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088030  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088033  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088326  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088167  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/088202  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/088212  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/088217  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/088655  
PRIOR FILING DATE: 1998-06-09  
PRIOR APPLICATION NUMBER: 60/088734  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088738  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088742  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088810  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088824  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088826  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088858  
PRIOR FILING DATE: 1998-06-11  
PRIOR APPLICATION NUMBER: 60/088861  
PRIOR FILING DATE: 1998-06-11  
PRIOR APPLICATION NUMBER: 60/088876  
PRIOR FILING DATE: 1998-06-11  
PRIOR APPLICATION NUMBER: 60/089105  
PRIOR FILING DATE: 1998-06-12  
PRIOR APPLICATION NUMBER: 60/089440  
PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/089512  
PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/089514  
PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/089532  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089538  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089598  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089599  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089600  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089653  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089801  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/089907  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/089908  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/089947  
PRIOR FILING DATE: 1998-06-19  
PRIOR APPLICATION NUMBER: 60/089948  
PRIOR FILING DATE: 1998-06-19  
PRIOR APPLICATION NUMBER: 60/089952  
PRIOR FILING DATE: 1998-06-19  
PRIOR APPLICATION NUMBER: 60/090246  
PRIOR FILING DATE: 1998-06-22  
PRIOR APPLICATION NUMBER: 60/090252  
PRIOR FILING DATE: 1998-06-22  
PRIOR APPLICATION NUMBER: 60/090254  
PRIOR FILING DATE: 1998-06-22  
PRIOR APPLICATION NUMBER: 60/090349  
PRIOR FILING DATE: 1998-06-23  
PRIOR APPLICATION NUMBER: 60/090355  
PRIOR FILING DATE: 1998-06-23  
PRIOR APPLICATION NUMBER: 60/090429  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090431  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090435  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090444  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090445  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090472  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090535  
PRIOR FILING DATE: 1998-06-24



; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088028  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088029  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088030  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088033  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088326  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088167  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088202  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088212  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088217  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088655  
; PRIOR FILING DATE: 1998-06-09  
; PRIOR APPLICATION NUMBER: 60/088734  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088738  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088742  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088810  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088824  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088826  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088858  
; PRIOR FILING DATE: 1998-06-11  
; PRIOR APPLICATION NUMBER: 60/088861  
; PRIOR FILING DATE: 1998-06-11  
; PRIOR APPLICATION NUMBER: 60/088876  
; PRIOR FILING DATE: 1998-06-11  
; PRIOR APPLICATION NUMBER: 60/089105  
; PRIOR FILING DATE: 1998-06-12  
; PRIOR APPLICATION NUMBER: 60/089440  
; PRIOR FILING DATE: 1998-06-16  
; PRIOR APPLICATION NUMBER: 60/089512  
; PRIOR FILING DATE: 1998-06-16  
; PRIOR APPLICATION NUMBER: 60/089514  
; PRIOR FILING DATE: 1998-06-16  
; PRIOR APPLICATION NUMBER: 60/089532  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089538  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089598  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089599  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089600  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089653  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089801  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: 60/089907  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: 60/089908  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: 60/089947  
; PRIOR FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: 60/089948  
; PRIOR FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: 60/089952  
; PRIOR FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: 60/090246  
; PRIOR FILING DATE: 1998-06-22

; PRIOR APPLICATION NUMBER: 60/090252  
; PRIOR FILING DATE: 1998-06-22  
; PRIOR APPLICATION NUMBER: 60/090254  
; PRIOR FILING DATE: 1998-06-22  
; PRIOR APPLICATION NUMBER: 60/090349  
; PRIOR FILING DATE: 1998-06-23  
; PRIOR APPLICATION NUMBER: 60/090355  
; PRIOR FILING DATE: 1998-06-23  
; PRIOR APPLICATION NUMBER: 60/090429  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090431  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090435  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090444  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090445  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090472  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090535  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090540  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090542  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090557  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090676  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090678  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090690  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090694  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090695  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090696  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090862  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: 60/090863  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: 60/091360  
; PRIOR FILING DATE: 1998-07-01  
; PRIOR APPLICATION NUMBER: 60/091478  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091544  
; PRIOR FILING DATE: 1998-07-01  
; PRIOR APPLICATION NUMBER: 60/091519  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091626  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091633  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091978  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/091982  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/092182  
; PRIOR FILING DATE: 1998-07-09

## Alignment Scores:

Pred. No.:	7,45e-20	Length:	117
Score:	326.00	Matches:	74
Percent Similarity:	53.19%	Conservative:	1
Best Local Similarity:	52.48%	Mismatches:	0
Query Match:	31.65%	Indels:	66
DB:	9	Gaps:	1

US-10-659-782A-11 (1-579) x US-09-989-732-268 (1-117)

1	PRIOR FILING DATE: 1998-02-25	
2	PRIOR APPLICATION NUMBER: 60/0789110	
3	PRIOR FILING DATE: 1998-03-20	
4	PRIOR APPLICATION NUMBER: 60/083322	
5	PRIOR FILING DATE: 1998-04-28	
6	PRIOR APPLICATION NUMBER: 60/084600	
7	PRIOR FILING DATE: 1998-05-07	
8	PRIOR APPLICATION NUMBER: 60/087106	
9	PRIOR FILING DATE: 1998-05-28	
10	PRIOR APPLICATION NUMBER: 60/087607	
11	PRIOR FILING DATE: 1998-06-02	
12	PRIOR APPLICATION NUMBER: 60/087609	
13	PRIOR FILING DATE: 1998-06-02	
14	PRIOR APPLICATION NUMBER: 60/087759	
15	PRIOR FILING DATE: 1998-06-02	
16	PRIOR APPLICATION NUMBER: 60/087827	
17	PRIOR FILING DATE: 1998-06-03	
18	PRIOR APPLICATION NUMBER: 60/088021	
19	PRIOR FILING DATE: 1998-06-04	
20	PRIOR APPLICATION NUMBER: 60/088025	
21	PRIOR FILING DATE: 1998-06-04	
22	PRIOR APPLICATION NUMBER: 60/088026	
23	PRIOR FILING DATE: 1998-06-04	
24	PRIOR APPLICATION NUMBER: 60/088028	
25	PRIOR FILING DATE: 1998-06-04	
26	PRIOR APPLICATION NUMBER: 60/088029	
27	PRIOR FILING DATE: 1998-06-04	
28	PRIOR APPLICATION NUMBER: 60/088030	
29	PRIOR FILING DATE: 1998-06-04	
30	PRIOR APPLICATION NUMBER: 60/088033	
31	PRIOR FILING DATE: 1998-06-04	
32	PRIOR APPLICATION NUMBER: 60/088326	
33	PRIOR FILING DATE: 1998-06-04	
34	PRIOR APPLICATION NUMBER: 60/088167	
35	PRIOR FILING DATE: 1998-06-05	
36	PRIOR APPLICATION NUMBER: 60/088202	
37	PRIOR FILING DATE: 1998-06-05	
38	PRIOR APPLICATION NUMBER: 60/088212	
39	PRIOR FILING DATE: 1998-06-05	
40	PRIOR APPLICATION NUMBER: 60/088217	
41	PRIOR FILING DATE: 1998-06-05	
42	PRIOR APPLICATION NUMBER: 60/088655	
43	PRIOR FILING DATE: 1998-06-09	
44	PRIOR APPLICATION NUMBER: 60/088734	
45	PRIOR FILING DATE: 1998-06-10	
46	PRIOR APPLICATION NUMBER: 60/088738	
47	PRIOR FILING DATE: 1998-06-10	
48	PRIOR APPLICATION NUMBER: 60/088742	
49	PRIOR FILING DATE: 1998-06-10	
50	PRIOR APPLICATION NUMBER: 60/088810	
51	PRIOR FILING DATE: 1998-06-10	
52	PRIOR APPLICATION NUMBER: 60/088824	
53	PRIOR FILING DATE: 1998-06-10	
54	PRIOR APPLICATION NUMBER: 60/088826	
55	PRIOR FILING DATE: 1998-06-10	
56	PRIOR APPLICATION NUMBER: 60/088858	
57	PRIOR FILING DATE: 1998-06-11	
58	PRIOR APPLICATION NUMBER: 60/088861	
59	PRIOR FILING DATE: 1998-06-11	
60	PRIOR APPLICATION NUMBER: 60/088876	
61	PRIOR FILING DATE: 1998-06-11	
62	PRIOR APPLICATION NUMBER: 60/089105	
63	PRIOR FILING DATE: 1998-06-12	
64	PRIOR APPLICATION NUMBER: 60/089440	
65	PRIOR FILING DATE: 1998-06-16	
66	PRIOR APPLICATION NUMBER: 60/089512	
67	PRIOR FILING DATE: 1998-06-16	
68	PRIOR APPLICATION NUMBER: 60/089514	
69	PRIOR FILING DATE: 1998-06-16	
70	PRIOR APPLICATION NUMBER: 60/089532	
71	PRIOR FILING DATE: 1998-06-17	
72	PRIOR APPLICATION NUMBER: 60/089538	
73	PRIOR FILING DATE: 1998-06-17	

US-09-991-073-268

; Sequence 268, Application US/09991073

; Patent No. US20020127576A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi J.

; APPLICANT: Baker, Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Deenoysers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Fong, Sherman

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K.

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: P2730P1C15

; CURRENT APPLICATION NUMBER: US/09/991,073

; CURRENT FILING DATE: 2001-11-14

; PRIOR APPLICATION NUMBER: 60/049787

; PRIOR FILING DATE: 1997-06-16

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/065186

; PRIOR FILING DATE: 1997-11-12

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066770

; PRIOR FILING DATE: 1997-11-24

; PRIOR APPLICATION NUMBER: 60/075945

/	PRIOR APPLICATION NUMBER:	60/089598
/	PRIOR FILING DATE:	1998-06-17
/	PRIOR APPLICATION NUMBER:	60/089599
/	PRIOR FILING DATE:	1998-06-17
/	PRIOR APPLICATION NUMBER:	60/089600
/	PRIOR FILING DATE:	1998-06-17
/	PRIOR APPLICATION NUMBER:	60/089653
/	PRIOR FILING DATE:	1998-06-17
/	PRIOR APPLICATION NUMBER:	60/089801
/	PRIOR FILING DATE:	1998-06-18
/	PRIOR APPLICATION NUMBER:	60/089907
/	PRIOR FILING DATE:	1998-06-18
/	PRIOR APPLICATION NUMBER:	60/089908
/	PRIOR FILING DATE:	1998-06-18
/	PRIOR APPLICATION NUMBER:	60/089947
/	PRIOR FILING DATE:	1998-06-19
/	PRIOR APPLICATION NUMBER:	60/089948
/	PRIOR FILING DATE:	1998-06-19
/	PRIOR APPLICATION NUMBER:	60/089955
/	PRIOR FILING DATE:	1998-06-19
/	PRIOR APPLICATION NUMBER:	60/090246
/	PRIOR FILING DATE:	1998-06-22
/	PRIOR APPLICATION NUMBER:	60/090252
/	PRIOR FILING DATE:	1998-06-22
/	PRIOR APPLICATION NUMBER:	60/090254
/	PRIOR FILING DATE:	1998-06-22
/	PRIOR APPLICATION NUMBER:	60/090349
/	PRIOR FILING DATE:	1998-06-23
/	PRIOR APPLICATION NUMBER:	60/090355
/	PRIOR FILING DATE:	1998-06-23
/	PRIOR APPLICATION NUMBER:	60/090429
/	PRIOR FILING DATE:	1998-06-24
/	PRIOR APPLICATION NUMBER:	60/090431
/	PRIOR FILING DATE:	1998-06-24
/	PRIOR APPLICATION NUMBER:	60/090435
/	PRIOR FILING DATE:	1998-06-24
/	PRIOR APPLICATION NUMBER:	60/090444
/	PRIOR FILING DATE:	1998-06-24
/	PRIOR APPLICATION NUMBER:	60/090445
/	PRIOR FILING DATE:	1998-06-24
/	PRIOR APPLICATION NUMBER:	60/090472
/	PRIOR FILING DATE:	1998-06-24
/	PRIOR APPLICATION NUMBER:	60/090535
/	PRIOR FILING DATE:	1998-06-24
/	PRIOR APPLICATION NUMBER:	60/090540
/	PRIOR FILING DATE:	1998-06-24
/	PRIOR APPLICATION NUMBER:	60/090678
/	PRIOR FILING DATE:	1998-06-25
/	PRIOR APPLICATION NUMBER:	60/090690
/	PRIOR FILING DATE:	1998-06-25
/	PRIOR APPLICATION NUMBER:	60/090694
/	PRIOR FILING DATE:	1998-06-25
/	PRIOR APPLICATION NUMBER:	60/090695
/	PRIOR FILING DATE:	1998-06-25
/	PRIOR APPLICATION NUMBER:	60/090696
/	PRIOR FILING DATE:	1998-06-25
/	PRIOR APPLICATION NUMBER:	60/090862
/	PRIOR FILING DATE:	1998-06-26
/	PRIOR APPLICATION NUMBER:	60/090863
/	PRIOR FILING DATE:	1998-06-26
/	PRIOR APPLICATION NUMBER:	60/091360
/	PRIOR FILING DATE:	1998-07-01
/	PRIOR APPLICATION NUMBER:	60/091478
/	PRIOR FILING DATE:	1998-07-02
/	PRIOR APPLICATION NUMBER:	60/091544
/	PRIOR FILING DATE:	1998-07-01
/	PRIOR APPLICATION NUMBER:	60/091519

```

: PRIOR FILING DATE: 1998-07-02
: PRIOR APPLICATION NUMBER: 60/091626
: PRIOR FILING DATE: 1998-07-02
: PRIOR APPLICATION NUMBER: 60/091633
: PRIOR FILING DATE: 1998-07-02
: PRIOR APPLICATION NUMBER: 60/091638
: PRIOR FILING DATE: 1998-07-07
: PRIOR APPLICATION NUMBER: 60/091982
: PRIOR FILING DATE: 1998-07-07
: PRIOR APPLICATION NUMBER: 60/092182
: PRIOR FILING DATE: 1998-07-09
:

```

**Alignment Scores:**

Pred. No.:	7,458-20	Length:	117
Score:	326.00	Matches:	74
Percent Similarity:	53.19%	Conservative:	1
Best Local Similarity:	52.48%	Mismatches:	0
Query Match:	31.65%	Indels:	66
DB:	9	Gaps:	1

US-10-659-782A-11 (1-579) x US-09-991-073-268 (1-117)

112	ATGCCCTCC	CAGGGA	CGCTCG	CAGCTC	CTCTCG	GCATGT	CTCGCTG	CACTTG	171
	Db								
1	Met	Pro	Ser	Pro	Gly	Thr	Val	Cys	Ser
172	GCCATG	GCAGG	CTCC	AGCTTC	TGAGCC	CTGA	CAC	CAG	AGATC
	Qy								
21	Ala	Met	Ala	Gly	Ser	Pro	Glu	His	Gln
	Db								
232	CACAA	GCCCC	CAC	ATGTG	TCTCC	AGCCT	GC	CACTT	AGCA
	Qy								
37									
292	CAG	AGCGC	CAATC	TCTGGG	CTTC	AGTCT	CTCC	AGAG	CACA
	Qy								
37									
352	CTCA	CTGTTT	CTGGA	AGGAC	ATGGGG	CTTAG	AGTCT	CTTAA	CAG
	Qy								
37									
412	AGC	AGAA	AGG	AGT	CGAA	AGGCC	ACCA	GCCTG	CAGCC
	Qy								
38	---	Arg	Lys	Glu	Ser	Lys	Pro	Ala	Lys
	Db								
472	GGCT	CGCC	CCG	GAAG	TGAG	GTCA	AGCAG	AGGGG	CAGAG
	Qy								
56	rp	Leu	arg	Pro	Leu	asp	Gly	Gln	Ala
	Db								

## RESULT 11

US-09-990-442-268  
Sequence 268, Application US/09990442  
Patent No. US20020132252A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Klavins, Ivayr J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas P.  
APPLICANT: Roy, Margaret Ann

APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2730PIC8  
CURRENT APPLICATION NUMBER: US/09/990,442  
CURRENT FILING DATE: 2001-11-14  
PRIOR APPLICATION NUMBER: 60/049787  
PRIOR FILING DATE: 1997-06-16  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066770  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/075945  
PRIOR FILING DATE: 1998-02-25  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/087106  
PRIOR FILING DATE: 1998-05-28  
PRIOR APPLICATION NUMBER: 60/087607  
PRIOR FILING DATE: 1998-06-02  
PRIOR APPLICATION NUMBER: 60/087609  
PRIOR FILING DATE: 1998-06-02  
PRIOR APPLICATION NUMBER: 60/087759  
PRIOR FILING DATE: 1998-06-02  
PRIOR APPLICATION NUMBER: 60/087827  
PRIOR FILING DATE: 1998-06-03  
PRIOR APPLICATION NUMBER: 60/088021  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088025  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088026  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088028  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088029  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088030  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088033  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088326  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088167  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/088202  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/088212  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/088217  
PRIOR FILING DATE: 1998-06-05  
PRIOR APPLICATION NUMBER: 60/088655  
PRIOR FILING DATE: 1998-06-09  
PRIOR APPLICATION NUMBER: 60/088734  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088738  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088742  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088810  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088824  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088826  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088858  
PRIOR FILING DATE: 1998-06-11  
PRIOR APPLICATION NUMBER: 60/088861  
PRIOR FILING DATE: 1998-06-11  
PRIOR APPLICATION NUMBER: 60/088876  
PRIOR FILING DATE: 1998-06-11  
PRIOR APPLICATION NUMBER: 60/089105  
PRIOR FILING DATE: 1998-06-12  
PRIOR APPLICATION NUMBER: 60/089440  
PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/089512  
PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/089514  
PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/089532  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089538  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089598  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089599  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089600  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089653  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089801  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/089907  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/089908  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/089947  
PRIOR FILING DATE: 1998-06-19  
PRIOR APPLICATION NUMBER: 60/089948  
PRIOR FILING DATE: 1998-06-19  
PRIOR APPLICATION NUMBER: 60/089952  
PRIOR FILING DATE: 1998-06-19  
PRIOR APPLICATION NUMBER: 60/090246  
PRIOR FILING DATE: 1998-06-22  
PRIOR APPLICATION NUMBER: 60/090252  
PRIOR FILING DATE: 1998-06-22  
PRIOR APPLICATION NUMBER: 60/090254  
PRIOR FILING DATE: 1998-06-22  
PRIOR APPLICATION NUMBER: 60/090349  
PRIOR FILING DATE: 1998-06-23  
PRIOR APPLICATION NUMBER: 60/090355  
PRIOR FILING DATE: 1998-06-23  
PRIOR APPLICATION NUMBER: 60/090429  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090431  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090435  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090444  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090445  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090472  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090535  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090540  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090542  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090557  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090576

; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090678  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090690  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090694  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090695  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090696  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090862  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: 60/090863  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: 60/091360  
; PRIOR FILING DATE: 1998-07-01  
; PRIOR APPLICATION NUMBER: 60/091478  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091544  
; PRIOR FILING DATE: 1998-07-01  
; PRIOR APPLICATION NUMBER: 60/091519  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091626  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091633  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091978  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/091982  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/092182  
; PRIOR FILING DATE: 1998-07-09

## Alignment Scores:

Pred. No.:	7,456-20	Length:	117
Score:	326.00	Matches:	74
Percent Similarity:	53.19%	Conservative:	1
Best Local Similarity:	52.48%	Mismatches:	0
Query Match:	31.65%	Indels:	66
DB:	9	Gaps:	1

US-10-659-782A-11 (1-579) x US-09-990-442-268 (1-117)

QY	112	ATGCCCTCCCGAGGACCGCTCTGAGCTCTGCTCCGCGAGCTCTGGCTGGAGCTTG	171
Db	1	MetProSerProGlyThrValCysSerLeuLeuLeuLeuGlyMetLeuTrpLeuAspLeu	20
QY	172	GCCATGGCAGGCTCCAGCTCTCTGAGCCCTGAACACGAGAGTCCAGGTGAGACCTCCC	231
Db	21	AlaMetAlaGlySerSerPheLeuSerProGluHisGlnArgValGln--Gln-----	37
QY	232	CACAAAGCCCCACATGTTGTTCCAGCCCTCCACTTAGCAACACGCTCTGTGACCTGGAG	291
Db	37	-----	37
QY	292	CAGCAGCGCCCATCTCTGGGCTTCACTTCTCCAGAGCACAAAGACTCTGGGTCTGAC	351
Db	37	-----	37
QY	352	CTCACTGTTTCTGAAGGACATGGGGCTTAGAGTCTTAACAGACTGTTTCCCTCCCTTC	411
Db	37	-----	37
QY	412	AGCAGAGAAAGAGTCAAGAACGCCACGACCAAGCTGAGCCCGGCTCTAGCAGGCT	471
Db	38	-----ArgLysGluSerLysLysPheProAlaLysLeuGlnProArgAlaLeuAlaGlyT	56
QY	472	GGCTCCCGCCGAGAGTGGAGGTCAAGCAGAGGGGCGAGGATGAATGGAGTCCCG	530
Db	56	TrpLeuArgProGluAspGlyGlyGlnAlaGluaspGluLeuGluValArg	75

RESULT 12

US-09-991-163-268  
; Sequence 268, Application US/09991163  
; Patent No. US20020132253A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2730P1C17  
; CURRENT APPLICATION NUMBER: US/09/991,163  
; CURRENT FILING DATE: 2001-11-14  
; PRIOR APPLICATION NUMBER: 60/049787  
; PRIOR FILING DATE: 1997-06-16  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/065186  
; PRIOR FILING DATE: 1997-11-12  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066770  
; PRIOR FILING DATE: 1997-11-24  
; PRIOR APPLICATION NUMBER: 60/075945  
; PRIOR FILING DATE: 1998-02-25  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/083322  
; PRIOR FILING DATE: 1998-04-28  
; PRIOR APPLICATION NUMBER: 60/084600  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/087106  
; PRIOR FILING DATE: 1998-05-28  
; PRIOR APPLICATION NUMBER: 60/087607  
; PRIOR FILING DATE: 1998-06-02  
; PRIOR APPLICATION NUMBER: 60/087609  
; PRIOR FILING DATE: 1998-06-02  
; PRIOR APPLICATION NUMBER: 60/087759  
; PRIOR FILING DATE: 1998-06-02  
; PRIOR APPLICATION NUMBER: 60/087827  
; PRIOR FILING DATE: 1998-06-03  
; PRIOR APPLICATION NUMBER: 60/088021  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088025  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088026  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088028  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088029  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088030  
; PRIOR FILING DATE: 1998-06-04



;; PRIOR APPLICATION NUMBER: 60/088033  
;; PRIOR FILING DATE: 1998-06-04  
;; PRIOR APPLICATION NUMBER: 60/088326  
;; PRIOR FILING DATE: 1998-06-04  
;; PRIOR APPLICATION NUMBER: 60/088167  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/088202  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/088212  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/088217  
;; PRIOR FILING DATE: 1998-06-05  
;; PRIOR APPLICATION NUMBER: 60/088655  
;; PRIOR FILING DATE: 1998-06-09  
;; PRIOR APPLICATION NUMBER: 60/088734  
;; PRIOR FILING DATE: 1998-06-10  
;; PRIOR APPLICATION NUMBER: 60/088738  
;; PRIOR FILING DATE: 1998-06-10  
;; PRIOR APPLICATION NUMBER: 60/088742  
;; PRIOR FILING DATE: 1998-06-10  
;; PRIOR APPLICATION NUMBER: 60/088810  
;; PRIOR FILING DATE: 1998-06-10  
;; PRIOR APPLICATION NUMBER: 60/088824  
;; PRIOR FILING DATE: 1998-06-10  
;; PRIOR APPLICATION NUMBER: 60/088826  
;; PRIOR FILING DATE: 1998-06-10  
;; PRIOR APPLICATION NUMBER: 60/088858  
;; PRIOR FILING DATE: 1998-06-11  
;; PRIOR APPLICATION NUMBER: 60/088861  
;; PRIOR FILING DATE: 1998-06-11  
;; PRIOR APPLICATION NUMBER: 60/088876  
;; PRIOR FILING DATE: 1998-06-11  
;; PRIOR APPLICATION NUMBER: 60/0889105  
;; PRIOR FILING DATE: 1998-06-12  
;; PRIOR APPLICATION NUMBER: 60/089440  
;; PRIOR FILING DATE: 1998-06-16  
;; PRIOR APPLICATION NUMBER: 60/089512  
;; PRIOR FILING DATE: 1998-06-16  
;; PRIOR APPLICATION NUMBER: 60/089514  
;; PRIOR FILING DATE: 1998-06-16  
;; PRIOR APPLICATION NUMBER: 60/089532  
;; PRIOR FILING DATE: 1998-06-17  
;; PRIOR APPLICATION NUMBER: 60/089538  
;; PRIOR FILING DATE: 1998-06-17  
;; PRIOR APPLICATION NUMBER: 60/089598  
;; PRIOR FILING DATE: 1998-06-17  
;; PRIOR APPLICATION NUMBER: 60/089599  
;; PRIOR FILING DATE: 1998-06-17  
;; PRIOR APPLICATION NUMBER: 60/089600  
;; PRIOR FILING DATE: 1998-06-17  
;; PRIOR APPLICATION NUMBER: 60/089653  
;; PRIOR FILING DATE: 1998-06-17  
;; PRIOR APPLICATION NUMBER: 60/089801  
;; PRIOR FILING DATE: 1998-06-18  
;; PRIOR APPLICATION NUMBER: 60/089907  
;; PRIOR FILING DATE: 1998-06-18  
;; PRIOR APPLICATION NUMBER: 60/089908  
;; PRIOR FILING DATE: 1998-06-18  
;; PRIOR APPLICATION NUMBER: 60/089947  
;; PRIOR FILING DATE: 1998-06-19  
;; PRIOR APPLICATION NUMBER: 60/089948  
;; PRIOR FILING DATE: 1998-06-19  
;; PRIOR APPLICATION NUMBER: 60/089952  
;; PRIOR FILING DATE: 1998-06-19  
;; PRIOR APPLICATION NUMBER: 60/090246  
;; PRIOR FILING DATE: 1998-06-22  
;; PRIOR APPLICATION NUMBER: 60/090252  
;; PRIOR FILING DATE: 1998-06-22  
;; PRIOR APPLICATION NUMBER: 60/090254  
;; PRIOR FILING DATE: 1998-06-22  
;; PRIOR APPLICATION NUMBER: 60/090349  
;; PRIOR FILING DATE: 1998-06-23  
;; PRIOR APPLICATION NUMBER: 60/090355

;; PRIOR FILING DATE: 1998-06-23  
;; PRIOR APPLICATION NUMBER: 60/090429  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090431  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090435  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090444  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090445  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090472  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090535  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090540  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090542  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090557  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090676  
;; PRIOR FILING DATE: 1998-06-25  
;; PRIOR APPLICATION NUMBER: 60/090678  
;; PRIOR FILING DATE: 1998-06-25  
;; PRIOR APPLICATION NUMBER: 60/090690  
;; PRIOR FILING DATE: 1998-06-25  
;; PRIOR APPLICATION NUMBER: 60/090694  
;; PRIOR FILING DATE: 1998-06-25  
;; PRIOR APPLICATION NUMBER: 60/090695  
;; PRIOR FILING DATE: 1998-06-25  
;; PRIOR APPLICATION NUMBER: 60/090696  
;; PRIOR FILING DATE: 1998-06-25  
;; PRIOR APPLICATION NUMBER: 60/090862  
;; PRIOR FILING DATE: 1998-06-26  
;; PRIOR APPLICATION NUMBER: 60/090863  
;; PRIOR FILING DATE: 1998-06-26  
;; PRIOR APPLICATION NUMBER: 60/091360  
;; PRIOR FILING DATE: 1998-07-01  
;; PRIOR APPLICATION NUMBER: 60/091478  
;; PRIOR FILING DATE: 1998-07-02  
;; PRIOR APPLICATION NUMBER: 60/091544  
;; PRIOR FILING DATE: 1998-07-01  
;; PRIOR APPLICATION NUMBER: 60/091519  
;; PRIOR FILING DATE: 1998-07-02  
;; PRIOR APPLICATION NUMBER: 60/091626  
;; PRIOR FILING DATE: 1998-07-02  
;; PRIOR APPLICATION NUMBER: 60/091633  
;; PRIOR FILING DATE: 1998-07-02  
;; PRIOR APPLICATION NUMBER: 60/091978  
;; PRIOR FILING DATE: 1998-07-07  
;; PRIOR APPLICATION NUMBER: 60/091982  
;; PRIOR FILING DATE: 1998-07-07  
;; PRIOR APPLICATION NUMBER: 60/092182  
;; PRIOR FILING DATE: 1998-07-09

## Alignment Scores:

Pred. No.:	7,456-20	Length:	117
Score:	326.00	Matches:	74
Percent Similarity:	53.19%	Conservative:	1
Best Local Similarity:	52.48%	Mismatches:	0
Query Match:	31.65%	Indels:	66
DB:	9	Gaps:	1

US-10-659-782a-11 (1-579) x US-09-991-163-268 (1-117)

Qy	112	ATGCCCTCCCGAGGACCGTCTGCGAGCTCTGCTCCCTCGGCATGCTCTGGCTGACCTTG	171
Db	1	MetProSerProGlyThrValCysSerLeuLeuLeuLeuLeuGlyMetLeuTrpLeuAspLeu	20
Qy	172	GCATGGCAGGCTCCAGCTTCTGAGCCCTGAACACAGAGAGTCCAGGTGAGACCTCC	231
Db	21	AlaMetAlaGlySerSerPheLeuSerProGluHisGlnArgValGln--Gln-----	37

Qy	232	CACAAAGCCCAACATGTTGTTCCAGCCCTGCACTTAGCAACCAGCTCTGTGACCTGGAG	291	PRIOR APPLICATION NUMBER: 60/087101
Db	37	-----	37	PRIOR FILING DATE: 1998-05-28
Qy	292	CACAGCGCCATCTCTGGGCTTCACTTCTCCAGAGCACAAAGGACTCTGGGTCTGAC	351	PRIOR APPLICATION NUMBER: 60/087607
Db	37	-----	37	PRIOR FILING DATE: 1998-06-02
Qy	352	CTCACTGTTTCTCGAAGGACATGGGGCTTAGAGTCTTAACAGACTGTTTCCCCCTTCC	411	PRIOR APPLICATION NUMBER: 60/087609
Db	37	-----	37	PRIOR FILING DATE: 1998-06-02
Qy	412	AGCAGAAAGAGTCTGAAGAACCAAGCCAGCCAGCTGTCAGCCCGAGCTCTAGCAGGCT	471	PRIOR APPLICATION NUMBER: 60/087759
Db	38	-----ArglysgluSerLysIysProProAlaLysLeuGlnProArgAlaLeuAlaGlyT	56	PRIOR FILING DATE: 1998-06-04
Qy	472	GGCTCCGCCCGAAGATGAGTCAAGCAGAGGGGCGAGGAGTGAATCTGAATCCGG	530	PRIOR APPLICATION NUMBER: 60/088025
Db	56	rIpeuArgProGluAspGlyGlyGlnAlaGluGlyAlaGluAspGluLeuGluValArg	75	PRIOR FILING DATE: 1998-06-04
RESULT 13				PRIOR APPLICATION NUMBER: 60/088026
US-09-993-604-268				PRIOR FILING DATE: 1998-06-04
; Sequence 268, Application US/09993604				PRIOR APPLICATION NUMBER: 60/088028
; Patent No. US20020137075A1				PRIOR FILING DATE: 1998-06-04
; GENERAL INFORMATION:				PRIOR APPLICATION NUMBER: 60/088029
; APPLICANT: Ashkenazi, Avi J.				PRIOR FILING DATE: 1998-06-04
; APPLICANT: Baker, Kevin P.				PRIOR APPLICATION NUMBER: 60/088030
; APPLICANT: Botstein, David				PRIOR FILING DATE: 1998-06-04
; APPLICANT: Desnoyers, Luc				PRIOR APPLICATION NUMBER: 60/088033
; APPLICANT: Eaton, Dan L.				PRIOR FILING DATE: 1998-06-04
; APPLICANT: Ferrara, Napoleone				PRIOR APPLICATION NUMBER: 60/088326
; APPLICANT: Fong, Sherman				PRIOR FILING DATE: 1998-06-04
; APPLICANT: Gerber, Hanspeter				PRIOR APPLICATION NUMBER: 60/088167
; APPLICANT: Gerritsen, Mary E.				PRIOR FILING DATE: 1998-06-05
; APPLICANT: Goddard, Audrey				PRIOR APPLICATION NUMBER: 60/088202
; APPLICANT: Godowski, Paul J.				PRIOR FILING DATE: 1998-06-05
; APPLICANT: Grimaldi, J. Christopher				PRIOR APPLICATION NUMBER: 60/088212
; APPLICANT: Gurney, Austin L.				PRIOR FILING DATE: 1998-06-05
; APPLICANT: Kljavin, Ivar J.				PRIOR APPLICATION NUMBER: 60/088217
; APPLICANT: Napier, Mary A.				PRIOR FILING DATE: 1998-06-05
; APPLICANT: Pan, James				PRIOR APPLICATION NUMBER: 60/088655
; APPLICANT: Paoni, Nicholas F.				PRIOR FILING DATE: 1998-06-09
; APPLICANT: Roy, Margaret Ann				PRIOR APPLICATION NUMBER: 60/088734
; APPLICANT: Stewart, Timothy A.				PRIOR FILING DATE: 1998-06-10
; APPLICANT: Tumas, Daniel				PRIOR APPLICATION NUMBER: 60/088738
; APPLICANT: Watanabe, Colin K.				PRIOR FILING DATE: 1998-06-10
; APPLICANT: Williams, P. Mickey				PRIOR APPLICATION NUMBER: 60/088826
; APPLICANT: Wood, William I.				PRIOR FILING DATE: 1998-06-10
; APPLICANT: Zhang, Zemin				PRIOR APPLICATION NUMBER: 60/088858
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic				PRIOR FILING DATE: 1998-06-11
; FILE REFERENCE: P2730P1C25				PRIOR APPLICATION NUMBER: 60/088861
; CURRENT APPLICATION NUMBER: US/09/993,604				PRIOR FILING DATE: 1998-06-11
; PRIOR FILING DATE: 2001-11-14				PRIOR APPLICATION NUMBER: 60/088876
; PRIOR APPLICATION NUMBER: 60/049787				PRIOR FILING DATE: 1998-06-11
; PRIOR FILING DATE: 1997-06-16				PRIOR APPLICATION NUMBER: 60/089105
; PRIOR APPLICATION NUMBER: 60/062250				PRIOR FILING DATE: 1998-06-12
; PRIOR FILING DATE: 1997-10-17				PRIOR APPLICATION NUMBER: 60/089440
; PRIOR APPLICATION NUMBER: 60/065186				PRIOR FILING DATE: 1998-06-16
; PRIOR FILING DATE: 1997-11-12				PRIOR APPLICATION NUMBER: 60/089512
; PRIOR APPLICATION NUMBER: 60/065311				PRIOR FILING DATE: 1998-06-16
; PRIOR FILING DATE: 1997-11-13				PRIOR APPLICATION NUMBER: 60/089514
; PRIOR APPLICATION NUMBER: 60/066770				PRIOR FILING DATE: 1998-06-17
; PRIOR FILING DATE: 1997-11-24				PRIOR APPLICATION NUMBER: 60/089538
; PRIOR APPLICATION NUMBER: 60/075945				PRIOR FILING DATE: 1998-06-17
; PRIOR FILING DATE: 1998-02-25				PRIOR APPLICATION NUMBER: 60/089598
; PRIOR APPLICATION NUMBER: 60/078910				PRIOR FILING DATE: 1998-06-17
; PRIOR FILING DATE: 1998-03-20				PRIOR APPLICATION NUMBER: 60/089599
; PRIOR APPLICATION NUMBER: 60/083322				PRIOR FILING DATE: 1998-06-17
; PRIOR FILING DATE: 1998-04-28				PRIOR APPLICATION NUMBER: 60/089600
; PRIOR APPLICATION NUMBER: 60/084600				PRIOR FILING DATE: 1998-06-17
; PRIOR FILING DATE: 1998-05-07				PRIOR APPLICATION NUMBER: 60/089653

;  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089801  
;  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: 60/089907  
;  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: 60/089908  
;  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: 60/089947  
;  
; PRIOR FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: 60/089948  
;  
; PRIOR FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: 60/089952  
;  
; PRIOR FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: 60/090246  
;  
; PRIOR FILING DATE: 1998-06-22  
; PRIOR APPLICATION NUMBER: 60/090252  
;  
; PRIOR FILING DATE: 1998-06-22  
; PRIOR APPLICATION NUMBER: 60/090254  
;  
; PRIOR FILING DATE: 1998-06-22  
; PRIOR APPLICATION NUMBER: 60/090349  
;  
; PRIOR FILING DATE: 1998-06-23  
; PRIOR APPLICATION NUMBER: 60/090355  
;  
; PRIOR FILING DATE: 1998-06-23  
; PRIOR APPLICATION NUMBER: 60/090429  
;  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090431  
;  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090435  
;  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090444  
;  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090445  
;  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090472  
;  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090535  
;  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090540  
;  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090542  
;  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090557  
;  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090676  
;  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090678  
;  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090690  
;  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090694  
;  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090695  
;  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090696  
;  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090862  
;  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: 60/090863  
;  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: 60/091360  
;  
; PRIOR FILING DATE: 1998-07-01  
; PRIOR APPLICATION NUMBER: 60/091478  
;  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091544  
;  
; PRIOR FILING DATE: 1998-07-01  
; PRIOR APPLICATION NUMBER: 60/091519  
;  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091626  
;  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091633  
;  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091978  
;  
; PRIOR FILING DATE: 1998-07-07

;  
; PRIOR APPLICATION NUMBER: 60/091982  
;  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/092182  
;  
; PRIOR FILING DATE: 1998-07-09

Alignment Scores:  
Pred. No.: 7 45e-20 Length: 117  
Score: 326.00 Matches: 74  
Percent Similarity: 53.19% Conservative: 1  
Best Local Similarity: 52.48% Mismatches: 0  
Query Match: 31.65% Indels: 66  
DB: 9 Gaps: 1

US-10-659-782A-11 (1-579) x US-09-993-604-268 (1-117)

QY 112 ATGCCCTCCCGAGGACCGTCTGCAGCCTCTGCTGCTCTCGGATGCTCTGGCTGGACTTG 171  
|||||  
Db 1 MetProSerProGlyThrValCysSerLeuLeuLeuLeuGlyMetLeuTrpLeuAspLeu 20  
QY 172 GCATGGCAGGCTCCAGCTTCTGAGCCCTGACACACAGAGTCCAGGTGACACCTCCC 231  
|||||  
Db 21 AlaMetAlaGlySerSerPheLeuSerProGluHisGlnArgValGln--Gln----- 37  
QY 232 CACAAAGCCCCACATGTTGTTCCAGCCCTGCCACTTAGCAACACAGCTCTGTGACCTGGAG 291  
Db 37 ----- 37  
QY 292 CAGCAGCGCCATCTCTGGGCTTTCAGTCTTCTCCAGAGCACAAAGGACTCTGGGTCTGAC 351  
Db 37 ----- 37  
QY 352 CTCACTGTTTCTGGAAGGACATGGGGGCTTAGAGTCTTAAACAGACTGTTTCCCTTCC 411  
Db 37 ----- 37  
QY 412 ACAGAGAAAGGAGTCGAAGAGCCACAGCAAGCTGCAGCCCGAGCTCTAGCAGGCT 471  
Db 38 -----ArgLysGluSerLysProAlaLysLeuGlnProArgAlaLeuAlaGlyT 56  
QY 472 GGCTCCGCCCGGAGATGGAGTCAAGCAGAGAGGGGCGAGAGTGAACCTGGAAGTCCGG 530  
Db 56 tpLeuArgProGluAspGlyGlyGlnAlaGluGlyAlaGluAspGluLeuGluValArg 75

RESULT 14  
US-09-990-456-268  
; Sequence 268, Application US/09990456  
; Patent No. US20020137890A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

[illegible]

```
, , PRIOR APPLICATION NUMBER: 60/090695
, , PRIOR FILING DATE: 1998-06-25
, , PRIOR APPLICATION NUMBER: 60/090696
, , PRIOR FILING DATE: 1998-06-25
, , PRIOR APPLICATION NUMBER: 60/090697
, , PRIOR FILING DATE: 1998-06-25
, , PRIOR APPLICATION NUMBER: 60/090698
, , PRIOR FILING DATE: 1998-06-25
, , PRIOR APPLICATION NUMBER: 60/090699
, , PRIOR FILING DATE: 1998-06-25
, , PRIOR APPLICATION NUMBER: 60/090700
, , PRIOR FILING DATE: 1998-06-25
, , PRIOR APPLICATION NUMBER: 60/091360
, , PRIOR FILING DATE: 1998-07-01
, , PRIOR APPLICATION NUMBER: 60/091478
, , PRIOR FILING DATE: 1998-07-02
, , PRIOR APPLICATION NUMBER: 60/091544
, , PRIOR FILING DATE: 1998-07-01
, , PRIOR APPLICATION NUMBER: 60/091519
, , PRIOR FILING DATE: 1998-07-02
, , PRIOR APPLICATION NUMBER: 60/091626
, , PRIOR FILING DATE: 1998-07-02
, , PRIOR APPLICATION NUMBER: 60/091633
, , PRIOR FILING DATE: 1998-07-02
, , PRIOR APPLICATION NUMBER: 60/091778
, , PRIOR FILING DATE: 1998-07-07
, , PRIOR APPLICATION NUMBER: 60/091982
, , PRIOR FILING DATE: 1998-07-07
, , PRIOR APPLICATION NUMBER: 60/092182
, , PRIOR FILING DATE: 1998-07-09
```

**Alignment Scores:**

Fragment Occurs:		
Pred. No.:	7,45e-20	Length:
Score:	336.00	Matches:
Percent Similarity:	53.19%	Conservative:
Best Local Similarity:	52.48%	Mismatches:
Query Match:	31.65%	Indels:
DB:	9	Gaps:

US-10-659-782A-11 (1-579) x US-09-990-456-268 (1-117)

112	ATGCCCTCCCCAGGACCGCTCTGCAGCCTCTCTCTCGGCACGCTCTGGCTGGACTGTG	QY
1	MetProSerProGlyThrValCysSerLeuLeuLeuLeuGlyMetLeuTrpLeuAspLeu	Db
20		
172	GCATGGCAGGCTCCAGCTTCTGAGCCCTGAAACACAGAGAGTCCAGGTTGAGACCTCCC	QY
21	AlaMetAlaGlySerSerPheLeuSerProGluHisGlnArgValGln--Gln-----	Db
232	CACAAAGCCCCACATGTTGTTCCAGCCCTGCCACTTAGCAACAGACTCTGTGACCTGGAG	QY
37	-----	Db
292	CAGCAGCGGCATCTCTGGGCTTTCAGTCTTCTCCAGAGCAAAAGGACTCTGGGTCTGAC	QY
37	-----	Db
352	CTCACTGTTTCTGGAAGGACATGGGGCTTAGAGTCCTTAAACAGACTGTTTCCCTTCC	QY
37	-----	Db
412	AGCAGAGAAAGAGTTCGAAGAGCCACACAGCCAAAGCTGCAGCCCCGAGCTCTAGCAGGT	QY
38	----ArgIysGluSerIysIysProProAlaIysLeuGlnProArgAlaLeuAlaGlyT	Db
472	GGTCCGCCCGAAGATGGAGGTCAAGCAGAAAGGGGAGAGATGAACCTGGAAGTCCGG	QY
56	rLeuArgProGluAspGlyGlyGlnAlaGluGlyAlaGluAspGluLeuGluValArg	Db
75		

## RESULT 15

US-09-989-721-268  
; Sequence 268, Application US/09989721  
; Patent No. US20020142961A1  
; GENERAL INFORMATION:  
; APPLICANT: Aehkenazi, Avi J.  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David



Db 37 ----- 37  
Qy 352 CTCACGTGTTCTGGAAGGACATGGGGGCTTAGAGTCCTAAACAGACTGTTTCCCCCTTCC 411  
Db 37 ----- 37  
Qy 412 AGCAGAGAAAGAGTCGAAGAAGCCACACAGCAAGCTGCAGCCCGAGCTCTAGCAGGCT 471  
Db 38 -----ArgLysGluSerLysLysProProAlaLysLeuGlnProArgAlaLeuAlaGlyI 56  
Qy 472 GGCTCCGCCCGGAAGATGGAGGTCAAGCAGAAAGGGGCGAGGATGAACCTGGAAGTCCGG 530  
Db 56 rpLeuArgProGluuArgGlyGlyGlnAlaGluGlyAlaGluAspGluLeuGluValArg 75

Search completed: February 1, 2005, 13:46:39  
Job time : 124 secs

THIS PAGE LEFT BLANK

**THIS PAGE LEFT BLANK**